IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas J.F. Nieland, Monty Krieger and Thomas Kirchhausen

Serial No.: 10/381,746 Art Unit: Not Yet Assigned

Filed: October 8, 2003 Examiner: Not Yet Assigned

For: *COMPOUNDS FOR MODULATION OF CHOLESTEROL TRANSPORT*

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56 and 37 C.F.R. §1.97, Applicants submit an Information Disclosure Statement, including (5) pages of Form PTO-1449 and copies of forty-seven (47) documents cited therein.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) prior to a first Office Action on the merits. It is believed that no fee is required with this submission. However, should a fee be required, the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 50-1868.

U.S. Patents

Number	Issue Date	Patentee	Class/Subclass
3,625,214	12-07-1971	Higuchi et al.	128/260
4,789,734	12-06-1988	Pierschbacher	530/395
4,906,474	03-06-1990	Langer et al.	424/428
4,925,673	05-15-1990	Steiner et al.	424/455
5,925,333	07-20-1999	Krieger et al.	424/9.1

5,962,322	10-05-1999	Kozarsky et al.	435/375
6,121,319	09-19-2000	Sommers	514/548
6,350,859	02-26-2002	Krieger et al.	530/388.22
6,429,289	08-06-2002	Krieger et al.	530/350

Foreign Documents

Number	Publication Date	Patentee	Country
WO 96/00288	01-04-1996	Massachusetts Inst. Technology	PCT
WO 99/11288	03-11-1999	Massachusetts Inst. Technology	PCT

Publications

ACTON, et al., "Expression cloning of SR-BI, a CD36-related class B scavenger receptor," *J. Biol. Chem.* 269:21003-21009 (1994).

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BROWN & GOLDSTEIN, "A receptor-mediated pathway for cholesterol homeostasis," *Science* 232: 34-47 (1986).

CHARRON, et al., "A Glucose Transport Protein Expressed Predominately in Insulin-responsive Tissues," *Proc. Natl. Acad. Sci. USA* 86: 2535-2539 (1989).

FREEMAN, et al., "Expression of type I and type II bovine scavenger receptors in Chinese hamster ovary cells: Lipid droplet accumulation and nonreciprocal cross competition by acetylated and oxidized low density lipoprotein," *Proc. Natl. Acad. Sci. USA* 88:4931-4935 (1991).

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GU, et al., "The efficient cellular uptake of high density lipoprotein lipids via scavenger receptor class B type I requires not only receptor-mediated surface binding but also receptor-specific lipid transfer mediated by its extracellular domain," *J. Biol. Chem.* 273:26338-26348 (1998).

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MIETTINEN, et al., "Abnormal lipoprotein metabolism and reversible female infertility in HDL receptor (SR-BI)-deficient mice," *J Clinical Invest.* 108: 1717-1722 (2001).

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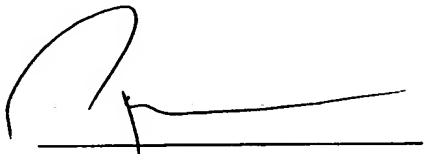
UITTENBOGAARD, et al., "Cholesteryl ester is transported from caveolae to internal membranes as part of a caveolin-annexin II lipid-protein complex," *J. Biol. Chem.* 277: 4925-4931 (2002).

Remarks

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application. Applicants are of the opinion that their claims patentably distinguish over the art referred to herein, either alone or in combination.

Respectfully submitted,



Patrea L. Pabst
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Dated: December 31, 2003

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Jennifer Vicente

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Group Art Unit	
Examiner Name	
Attorney Docket Number	MIT 9952

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	US Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		3,625,214		Higuchi et al.	12-07-1971	
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		PCT	WO 96/00288		Mass. Inst. Tech.	01-04-1996		
		PCT	WO 99/11288		Mass. Inst. Tech.	03-11-1999		

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OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
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